

Abstract of the Disclosure

A method of manufacturing an unvulcanized adhesive waterproof sheet for performing a waterproof construction to a concrete surface, and a construction method using the sheet are described. In the manufacturing method, a rubber main material composed of at one of a natural rubber and a synthetic rubber are agitated with a vulcanizing compound agent, an age resister, an adhesion-providing agent, a softener, and a filler. A vulcanizing agent is then added and agitated thereto in an open roller, thereby producing a raw rubber material. The raw rubber material is rolled and forced out with constant width and thickness, thereby manufacturing a waterproof sheet. A releasing paper attaches to both surfaces of the waterproof sheet, being cut with a constant length. In the construction method, one surface of the waterproof sheet attaches to a surface of a structure surface. The other surface thereof attaches to wet mortar with a constant thickness. At this time, the waterproof sheet is turned into a vulcanized rubber so as to achieve waterproof of the structure after the construction.